



# National Weather Service

## Storm Data and Unusual Weather Phenomena



July 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Property		Character of Storm
					Killed	Injured	Crops			

### LAKE ERIE

LEZ444	Mi Waters Of Lake Erie									
Luna Pier to Monroe Harbor	18	1735EST			0	0				Marine Tstm Wind (EG52)
LEZ444	Mi Waters Of Lake Erie									
Stony Point to Detroit River Light	26	1355EST			0	0				Marine Tstm Wind (EG52)
LEZ444	Mi Waters Of Lake Erie									
Monroe Harbor	26	1429EST			0	0				Marine Tstm Wind (MG37)

### LAKE HURON

LHZ422	Inner Saginaw Bay & Sw Of Pt Au Gres To Bay Port Mi									
Saginaw River Mouth	18	1354EST			0	0				Marine Tstm Wind (MG36)
LHZ421	Outer Saginaw Bay & Sw Of Alabaster To Pt Austin Mi									
Charity Island	18	1355EST			0	0				Marine Tstm Wind (MG53)
LHZ462	Lh Pt Austin To Hbr Beach Mi 5Nm Offshore To Intl Border									
Port Austin	18	1435EST			0	0				Marine Tstm Wind (EG43)
LHZ441	Pt Austin To Hbr Beach Mi									
Port Austin	18	1435EST			0	0				Marine Tstm Wind (EG43)
LHZ464	Lh Pt Sanilac To Pt Huron 5Nm Offshore To Intl Border									
Port Sanilac	18	1530EST			0	0				Marine Tstm Wind (EG52)
LHZ443	Pt Sanilac To Pt Huron Mi									
Port Sanilac	18	1530EST			0	0				Marine Tstm Wind (EG52)
LHZ442	Hbr Beach To Pt Sanilac Mi									
Port Sanilac	18	1530EST			0	0				Marine Tstm Wind (EG52)
LHZ463	Lh Hbr Beach To Pt Sanilac 5Nm Offshore To Intl Border									
Port Sanilac	18	1530EST			0	0				Marine Tstm Wind (EG52)
LHZ422	Inner Saginaw Bay & Sw Of Pt Au Gres To Bay Port Mi									
Pinconning to Point Au Gres	24	0800EST			0	0				Marine Tstm Wind (EG39)
LHZ421	Outer Saginaw Bay & Sw Of Alabaster To Pt Austin Mi									
Point Au Gres	24	0800EST			0	0				Marine Tstm Wind (EG39)
LHZ422	Inner Saginaw Bay & Sw Of Pt Au Gres To Bay Port Mi									
Sebewaing	26	0415EST			0	0				Marine Tstm Wind (EG43)
LHZ421	Outer Saginaw Bay & Sw Of Alabaster To Pt Austin Mi									
Bay Port	26	0415EST			0	0				Marine Tstm Wind (EG43)

### LAKE ST CLAIR

LCZ423	Detroit River									
Detroit River Light to Ambassador Bridge	18	1628EST 1640EST			0	0				Marine Tstm Wind (MG41)
LCZ460	Lake St Clair (U.S. Portion)									
Grosse Pointe	18	1628EST 1640EST			0	0				Marine Tstm Wind (MG41)
LCZ460	Lake St Clair (U.S. Portion)									
Metropolitan Beach	24	1005EST			0	0				Marine Tstm Wind (EG35)
LCZ460	Lake St Clair (U.S. Portion)									
St. Clair Shores	26	1227EST			0	0				Marine Tstm Wind (EG55)



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LAKE ST CLAIR									
LCZ423	Detroit River								
Belle Isle	26	1236EST			0	0			Marine Tstm Wind (EG39)
LCZ423	Detroit River								
Ambassador Bridge	26	1245EST			0	0			Marine Tstm Wind (MG42)
LCZ460	Lake St Clair (U.S. Portion)								
Grosse Pointe to Metropolitan Beach	26	1245EST			0	0			Marine Tstm Wind (MG42)
MICHIGAN, East									
Monroe County									
Milan	04	2230EST			0	0			Thunderstorm Wind (EG53)
Local law enforcement reported a tree and a large limb down.									
Oakland County									
Bloomfield Hills	05	1430EST			0	0	300K		Lightning
Lightning struck a house, resulting in a fire.									
Saginaw County									
Saginaw	05	1645EST			0	0	5K		Thunderstorm Wind (EG54)
Numerous trees and wire were blown down. A large outdoor movie screen was destroyed. Downed power lines disrupted power to 4300 Consumers Energy customers.									
Saginaw County									
1 S Saginaw	05	1659EST			0	0			Thunderstorm Wind (EG54)
A trained spotter reported a three foot diameter tree down.									
Oakland County									
2 N Wixom	07	1852EST			0	0			Hail(0.75)
Oakland County									
Clarkston to 2 E Clarkston	07	1855EST 1900EST			0	0			Hail(1.00)
Oakland County									
Waterford	08	1500EST			0	0			Hail(0.75)
Monroe County									
1 E Lambertville	08	1550EST			0	0			Hail(0.88)
Washtenaw County									
3 SE Whitmore Lake	08	1615EST			0	0			Hail(0.88)
Oakland County									
1 N Goodison	08	1515EST			0	0	50K		Lightning
Lightning struck a house, which caused a fire.									
Genesee County									
Fenton	13	1625EST			0	0			Lightning
A lightning strike hit the steeple at Fenton First Presbyterian Church, sending shingles and plywood to the ground.									
Macomb County									
Richmond	15	1555EST			0	0			Lightning
Lightning struck a communications tower at the Richmond/Lenox EMS building on 32 Mile Road, knocking out the phone system									
Macomb County									
Countywide	16	0935EST 1100EST			0	0	100K		Flash Flood
Heavy rainfall from thunderstorms caused flash flooding with dozens of roads and side streets overflowing with water. At least two cars stalled and had to be pushed out along Tilch Road near 21 Mile Road. An elderly couple was rescued by Macomb township									



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<u><b>MICHIGAN, East</b></u>									
firefighters from a sport utility vehicle. The vehicle was driven into a ditch on 24 Mile Road west of Romeo Plank Road. The ditch held 4 feet of water, but was hidden due to water over the road. Basements, yards, and streets were also reported flooded along 24 Mile and Hayes Roads. Several homes in Richmond flooded.									
<b>Oakland County</b> <b>Central Portion</b>	<b>16</b>	<b>1000EST</b> <b>1100EST</b>			<b>0</b>	<b>0</b>			<b>Flash Flood</b>
A woman was reported trapped in her vehicle due to flooding in Commerce Township. Several Roads were covered with several inches of water in Rochester, as well as Cooley Lake Road near the Waterford and Commerce Township borde.									
<b>St. Clair County</b> <b>Marysville</b>	<b>16</b>	<b>1200EST</b> <b>1230EST</b>			<b>0</b>	<b>0</b>			<b>Flash Flood</b>
Five to Seven inches of water was reported across several roads in Marysville.									
<b>Macomb County</b> <b>Macomb</b>	<b>16</b>	<b>1030EST</b> <b>1045EST</b>			<b>0</b>	<b>0</b>	<b>1M</b>		<b>Lightning</b>
Lightning struck a home which started a fire. The subsequent fire burned the house down. Additional lightning strikes in Macomb Township lead to five house fires in the area of 22 Mile and 23 Mile Roads.									
<b>Midland County</b> <b>Midland</b>	<b>18</b>	<b>1307EST</b>			<b>0</b>	<b>0</b>			<b>Thunderstorm Wind (EG54)</b>
Large tree limbs and several power lines down.									
<b>Saginaw County</b> <b>Saginaw</b>	<b>18</b>	<b>1352EST</b>			<b>0</b>	<b>0</b>			<b>Thunderstorm Wind (EG52)</b>
A Gazebo was blown down.									
<b>Huron County</b> <b>Sebewaing</b>	<b>18</b>	<b>1430EST</b>			<b>0</b>	<b>0</b>			<b>Thunderstorm Wind (EG54)</b>
Large tree limbs were blown down.									
<b>Genesee County</b> <b>4 W Flint</b>	<b>18</b>	<b>1435EST</b>			<b>0</b>	<b>0</b>			<b>Thunderstorm Wind (EG54)</b>
Several large tree limbs were reported blown down									
<b>Genesee County</b> <b>6 E Mt Morris</b>	<b>18</b>	<b>1435EST</b>			<b>0</b>	<b>0</b>			<b>Thunderstorm Wind (EG54)</b>
Large tree limbs were blown down.									
<b>Livingston County</b> <b>3 NE Fowlerville</b>	<b>18</b>	<b>1500EST</b>			<b>0</b>	<b>0</b>			<b>Thunderstorm Wind (EG54)</b>
Large tree limbs were reported blown down.									
<b>Shiawassee County</b> <b>Byron</b>	<b>18</b>	<b>1500EST</b>			<b>0</b>	<b>0</b>			<b>Thunderstorm Wind (EG54)</b>
Large tree limbs were reported blown down.									
<b>Genesee County</b> <b>Flint</b>	<b>18</b>	<b>1512EST</b>			<b>0</b>	<b>0</b>			<b>Thunderstorm Wind (EG52)</b>
A trained spotter estimated a 60 mph thunderstorm wind gust.									
<b>Genesee County</b> <b>Burton</b>	<b>18</b>	<b>1528EST</b> <b>1534EST</b>			<b>0</b>	<b>0</b>			<b>Thunderstorm Wind (EG56)</b>
Several trees and large tree limbs were blown down.									
<b>Sanilac County</b> <b>Port Sanilac</b>	<b>18</b>	<b>1530EST</b>			<b>0</b>	<b>0</b>			<b>Thunderstorm Wind (EG54)</b>
Local law enforcement reported trees down.									



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<b><u>MICHIGAN, East</u></b>								
<b>Monroe County</b> 1 SW Ida	18	1735EST			0	0		Thunderstorm Wind (EG52)
			Large tree limbs were reported blown down.					
<b>Oakland County</b> Oxford	21	0830EST			0	0		Lightning
<b>Wayne County</b> Westland	21	1715EST			0	1		Lightning
			A Westland teenager was injured when lightning struck a tree he was standing under. The boy received first and second degree burns on his body.					
<b>Wayne County</b> Grosse Pt Farms	24	0738EST			0	0		Lightning
			Lightning struck a house on Moross, which caused a fire.					
<b>Bay County</b> 1 E Essexville	24	0800EST			0	0	50K	Lightning
			Lightning struck a home in Hampton Township, which resulted in a fire. The fire extensively damaged the outside of the house and the second floor.					
<b>Midland County</b> Midland	24	0800EST			0	0		Thunderstorm Wind (EG54)
			Local law enforcement reported 3 to 4 trees down.					
<b>Bay County</b> Auburn	24	0805EST			0	0		Thunderstorm Wind (EG54)
			Numerous trees and tree limbs blown down.					
<b>Huron County</b> Sebewaing	24	0812EST			0	0		Thunderstorm Wind (EG53)
			A tree was reported blown down.					
<b>Bay County</b> 3 SW Bay City	24	0815EST			0	0		Thunderstorm Wind (EG54)
			Siding was blown off a building, as well as trees reported down.					
<b>Bay County</b> Bay City	24	0815EST			0	0	20K	Thunderstorm Wind (EG55)
			A thunderstorm wind gust snapped a tree in half. Four private hangers at James Clements Airport also sustained damage					
<b>Saginaw County</b> 6 NE Saginaw	24	0815EST			0	0		Thunderstorm Wind (EG54)
			Four power poles were snapped.					
<b>Saginaw County</b> 2 S Arthur	24	0820EST			0	0		Thunderstorm Wind (EG55)
			Local law enforcement reported large trees down near M46 and M83.					
<b>Tuscola County</b> Caro	24	0830EST			0	0		Thunderstorm Wind (EG53)
			Large tree limbs were reported blown down.					
<b>Tuscola County</b> Mayville	24	0845EST			0	0		Thunderstorm Wind (EG55)
			Trees were reported down, as well as a shed door ripped off.					
<b>Tuscola County</b> 5 SE Kingston	24	0847EST			0	0		Thunderstorm Wind (EG55)
			Large trees limbs were reported blown down					
<b>Lapeer County</b> 3 E Otter Lake to	24	0908EST			0	0	250K	Thunderstorm Wind (EG55)



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<b><u>MICHIGAN, East</u></b>										
<b>Otter Lake</b>		<b>0910EST</b>								
										Trees were reported blown down, some of which fell onto houses. Boats on Otter Lake were also flipped over.
<b>Lapeer County</b>										
<b>4 NE Lapeer</b>	<b>24</b>	<b>0910EST</b>			<b>0</b>	<b>0</b>				<b>Thunderstorm Wind (EG55)</b>
										Trees were reported blown down.
<b>Lapeer County</b>										
<b>Imlay City to</b>	<b>24</b>	<b>0912EST</b>			<b>0</b>	<b>0</b>				<b>Thunderstorm Wind (EG56)</b>
<b>5 W Imlay City</b>										Dozens of trees and tree limbs down.
<b>Macomb County</b>										
<b>3 NW Armada</b>	<b>24</b>	<b>0929EST</b>			<b>0</b>	<b>0</b>				<b>Thunderstorm Wind (EG52)</b>
										A tree was blown down.
<b>Macomb County</b>										
<b>Washington</b>	<b>24</b>	<b>0930EST</b>			<b>0</b>	<b>0</b>				<b>Thunderstorm Wind (EG53)</b>
										Power lines were reported blown down.
										An MCS developed over Wisconsin and progated into southeast Michigan during the morning of the 24th. The thunderstorm complex was moving at 50 mph, which helped produce severe thunderstorm wind gusts north of I-69
<b>Oakland County</b>										
<b>Southfield</b>	<b>26</b>	<b>0610EST</b>			<b>0</b>	<b>0</b>				<b>Thunderstorm Wind (EG54)</b>
										Three trees were blown down.
<b>Macomb County</b>										
<b>.5 W Roseville</b>	<b>26</b>	<b>1220EST</b>			<b>0</b>	<b>0</b>				<b>Hail(1.00)</b>
<b>Macomb County</b>										
<b>.5 NW Roseville</b>	<b>26</b>	<b>1224EST</b>			<b>0</b>	<b>0</b>				<b>Hail(0.88)</b>
<b>Macomb County</b>										
<b>St Clair Shrs</b>	<b>26</b>	<b>1227EST</b>			<b>0</b>	<b>0</b>	<b>25K</b>			<b>Thunderstorm Wind (EG56)</b>
										Numerous trees and large tree limbs were blown down. One parked car in the Eagle Pointe neighborhood was heavily damaged due to fallen tree branches.
<b>Wayne County</b>										
<b>Dearborn Hgts to Dearborn</b>	<b>26</b>	<b>1230EST</b> <b>1232EST</b>			<b>0</b>	<b>0</b>				<b>Thunderstorm Wind (EG52)</b>
										A trained spotter estimated a 60 mph thunderstorm wind gust. Local media reported a wall collapsed.
<b>Wayne County</b>										
<b>Inkster</b>	<b>26</b>	<b>1230EST</b>			<b>0</b>	<b>0</b>				<b>Thunderstorm Wind (EG56)</b>
										Trees fell down on a house.
<b>Lenawee County</b>										
<b>Clayton</b>	<b>26</b>	<b>1354EST</b>			<b>0</b>	<b>0</b>				<b>Thunderstorm Wind (EG54)</b>
										Three trees were reported blown down.
<b>Monroe County</b>										
<b>3 E Newport</b>	<b>26</b>	<b>1355EST</b>			<b>0</b>	<b>0</b>				<b>Thunderstorm Wind (EG52)</b>
										A trained spotter estimated a 60 mph thunderstorm wind gust.
<b>Monroe County</b>										
<b>5 N Monroe</b>	<b>26</b>	<b>1405EST</b>			<b>0</b>	<b>0</b>				<b>Thunderstorm Wind (EG52)</b>
										Power lines were blown down.
<b>Monroe County</b>										
<b>Samaria to Temperance</b>	<b>26</b>	<b>1433EST</b>			<b>0</b>	<b>0</b>				<b>Thunderstorm Wind (EG55)</b>
										Trees and power lines were blown down.



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### MICHIGAN, East

#### Monroe County

##### Monroe

26 1442EST

0

0

Thunderstorm Wind (EG55)

Trees were reported down.

A surge of moisture along a prefrontal trough triggered scattered severe afternoon thunderstorms on the 18th. The best instability was along and north of I-69, as clouds lingered through much of the day south of I-69.